

Interview Summary	Application No.	Applicant(s)	
	09/770,978	KANEVSKY ET AL.	
	Examiner	Art Unit	
	Ba Huynh	2179	

All participants (applicant, applicant's representative, PTO personnel):

(1) Ba Huynh. (3) _____.

(2) John Sensny. (4) _____.

Date of Interview: 30 August 2005.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: Independent claims 1, 7, 11, 15, 18.

Identification of prior art discussed: Zernik et al.

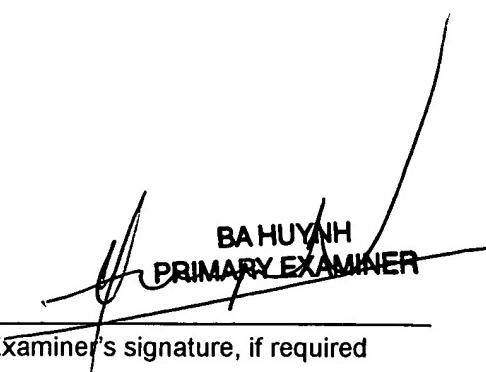
Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Patentability of all pending claims in view of the applicant's proposed amendment filed 8/30/05.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an attachment to a signed Office action.



BA HUYNH
PRIMARY EXAMINER

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

SCULLY, SCOTT, MURPHY & PRESSER

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August 30, 2005
VIA FACSIMILE

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 Attention: Examiner Ba Huynh
 Group Art Unit: 2179

Re: Alexander Zlatsin, et al.
 U.S. Patent Application No. 09/770,978
 Your Ref: YOR920000427US1
Our Docket: 13772

Dear Examiner Huynh:

In accordance with our telephone conference earlier today, we are transmitting herewith a further proposed Supplemental Amendment for this application.

It is our understanding that if the proposed changes meet your approval, you will enter the previous Amendment under 37 C.F.R. §1.116, and enter this proposed Supplemental Amendment as an Examiner's Amendment, and that this would place this application into condition for allowance.

Please telephone the undersigned if you have any questions or want to discuss this matter.

Sincerely,

John S. Sensny
 John S. Sensny

JSS:jy
 Enclosures

RESPONSE UNDER 37 C.F.R. §1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2179

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Alexander Zlatsin, et al.

Examiner: Ba Huynh

Serial No: 09/770,978

Art Unit: 2179

Filed: January 26, 2001

Docket: YOR920000427US1 (13772)

For: ICONIC REPRESENTATION OF CONTENT

Dated: August 30, 2005

Confirmation No.: 8004

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PROPOSED SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. 1.116

Dear Sir:

In response to the Office Action dated March 15, 2005, please amend the subject patent application as follows.

Amendments to the Claims begin on page 2.

Remarks begin on page 9.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on August 30, 2006.

Dated: August 30, 2005

John S. Sensny

LISTING OF THE CLAIMS:

1. (Currently Amended) A system for determining and displaying icons representing text files, comprising:

a content extractor for determining a plurality of topics of a text file by examining words in the file;

a means for associating a respective one of a plurality of topic icons with each of the a plurality of topics;

means for assigning weighted values to each of said plurality of topics;

a selector for selecting a respective one of the plurality of topic icons to represent each of said plurality of topics of the text file on the basis of weighted values assigned to said topics; and

means for creating a composite icon including the selected ones of said plurality of topic icons; and

a display for displaying the at least one of said composite icon to represent the text file; and

wherein each of the topic icons of the composite icon has an a separate index attachment which opens directly to information in the text file represented by said topic icon.

2. (Previously Presented) A system according to Claim 1, wherein the selector includes means for selecting the closest ones of said plurality of icons to represent the text file.

Claim 3 (Cancelled).

4. (Previously Presented) A system according to Claim 1, wherein:
 - each of the plurality of topics is associated with a respective one part of the text file; and
 - each of the selected plurality of icons, in the composite icon, points to the part of the text file associated with the topic that is associated with the icon.
5. (Previously Presented) A system according to Claim 1, wherein the selected icons are sensed by different senses.
6. (Original) A system according to Claim 1, wherein the icons facilitate use of a computer by people with various disabilities.
7. (Currently Amended) A system for representing contents of computer files via icons, the system comprising:
 - a computer memory including a group of directories with lists of files;
 - a semantic content extractor for determining a plurality of topics of each of the files from an examination of words in the files; and
 - a module for creating a plurality of topic icons representing the files including:
 - a means for associating a respective one of the topic icons with each of the determined topics, means for assigning weighted values to each of said plurality of topics, and means for selecting topic icons to represent the files based on the weighted values assigned to said determined topics; and
 - means for creating, for each of the files, a composite icon including the plurality of topic icons associated with the topics of the file, and wherein each of the topic icons of the composite

icon for said each of the files has an a separate index attachment which opens directly to information in said each file represented by said topic icon.

8. (Original) A system according to Claim 7, wherein the semantic content extractor includes:

a module that associates with a text file a language model, and word, key words and key phrases counts;

a topic identifier that uses the language model and counts to identify a topic; and

a module that partitions a text in a file by topic count.

9. (Original) A system according to Claim 8, wherein the topic identifier uses likelihood ratio to partition texts in parts by topics; likelihood in this ratio are defined by using probabilities of words from language models of the text in a file and language models for various topics that are stored in the database.

Claim 10 (Cancelled).

11. (Currently Amended) An icon creator for creating icons and selecting icons for representing a file, comprising:

a semantic content extractor for identifying the importance and significance of a plurality of topics associated with the file based on an examination of words in the file; and

a matcher to create a match of data and images to create a multitude of topic icons using a database of images and a database of icons, including:

a means for associating a respective one of the topic icons with each of the topics, means for assigning weighted values to each of said plurality of topics, and means for selecting a plurality of the created topic icons to form a composite icon to represent the file based on the weighted values assigned to the identified topics; and

wherein each of the selected topic icons of the composite icon has an a separate index attachment, which opens directly to information in the file represented by said selected topic icon.

12. (Original) An icon creator according to Claim 11, wherein a blind person can use a sound icon using the database of sound icons; this would enable the blind user to use their sense of hearing to choose the file they wish to open.

13. (Original) An icon creator according to Claim 11, further comprising means to allow a person with a reading disability to use the icon system, including a group of files that are formed into an icon attachment; the user then chooses an icon, using the pictures or sounds and the user can then use a speech synthesizer can listen to a file.

14. (Previously Presented) An icon creator for creating an icon representing a file, said file including a larger part showing cars, a smaller part showing travel, and a middle sized part showing dealerships, the icon creator comprising:

a semantic content extractor for identifying the importance and significance of topics associated with the file based on an examination of words in the file;

a matcher to create a match of data and images to create composite icons using a database of images and a database of icons; wherein said composite icons contain multiple topics including cars and travel, and dealerships; and

means to contain an index which lists information on cars or building, means to show where the information on cars is placed in the file; and wherein, using a fraction method, the files can be broken down;

wherein each icon has an index attachment, which opens directly to the file.

15. (Currently Amended) A method for creating icons, comprising:

generating a list of files;

reading the word content of each file;

for each file,

i) attaching a plurality of topics to the file based on the read word content of the file;

ii) generating a plurality of topic icons for the file based on the topics attached to the file;

iii) creating a composite icon for the file from the plurality of topic icons generated for the file; and

iv) using said plurality of topic icons in the composite icon to point to different parts of the file having the different topics associated with said plurality of topic icons;

creating an index of topics;

printing a list of topic icons near file names; and

creating a list of topic icons to list files; and

wherein each of the topic icons of the composite icon has an a separate index attachment which opens directly to information in the file represented by said topic icon.

Claims 16 and 17 (Cancelled).

18. (Currently Amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for determining and displaying icons representing files containing text, said method steps comprising:

determining a plurality of topics of a file by examining words in the file;

searching a database of topic icons;

~~on the basis of~~ assigning weighted values to each of said plurality of topics, including:

associating a respective one of the topic icons with each of the topics, assigning weighted values to each of said plurality of topics, and selecting topic icons to represent the file based on the weighted values assigned to said determined topics;

creating a composite icon for the file, said composite icon including the topic icons associated with the topics of the file;

displaying the selected composite icon to represent the file; and

wherein each of the topic icons of the composite icon has an a separate index attachment which opens directly to information in the file represented by said topic icon.

19. (Original) A program storage device according to Claim 18, wherein in the database, each icon is associated with words, and wherein:

the determining step includes the step of using a semantic content extractor to identify the importance and significance of topics associated with the file; and

the selecting step includes the step of comparing said topics with the words in the database to select one of the icons to represent the file.

20. (Previously Amended) The system in claim 1, where the icons contain advertisements, which include hyperlinks.

21. (Previously Amended) The system in claim 20 where users pay less for the system if advertisements are included.

22. (Previously Amended) The system in claim 20 where an advertiser pays a manufacturer or seller of the system for including said advertisements in the icons.

REMARKS

In accordance with the telephone conferences between Examiner Huynh and the undersigned on August 23, 2005 and August 30, 2005, Applicants are submitting herewith a Proposed Supplemental Amendment for this application.

If the Examiner believes that a telephone conference with Applicants' Attorneys would be advantageous to the disposition of this case, the Examiner is asked to telephone the undersigned.

Respectfully Submitted,

John S. Sensny
Registration No. 28,757
Attorney for Applicants

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